



TITLE - MATERIAL SUPPORTING LISTING
OF REDWOOD CR. AS AN
IMPAIRED WATER BODY

AUTHOR:

NORTH COAST REGIONAL
WATER QUALITY CONTROL BOARD

YEAR: 1997

SANTA ROSA, CA

To: Steve / Barnum

Re: Materials sent as
basis for listing
Redwood Creek
as Impaired

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: REDWOOD CREEK (R1)

Hydrologic Unit No.: 107.00

Total Areal Extent: 63 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: REDWOOD CREEK, PARTIALLY PROTECTED BY REDWOOD NATIONAL PARK, IS THE DOMESTIC WATER SUPPLY FOR THE COMMUNITY OF ORICK, AND SUPPORTS AN ANADROMOUS SALMONID FISHERY. HISTORIC LOGGING UPSTREAM OF THE PARK HAS RESULTED IN NPS SEDIMENTATION. FISH POPULATIONS HAVE DECLINED.

	Concern 1	Concern 2	Concern 3
Specific Location:	ORICK	: MULTIPLE AREAS	:
Type of Pollutants/Parameters:	SED, DEB, NUT SUS	: SED, DEB, HAB	:
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	:
Major Beneficial Use Category Affected:	Recreational	: Aquatic	:
Type of Source(s):	INDU	: SILV, RANG, ONPS	:
Areal Extent:	1e MI	: 63e MI	:
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: SHASTA RIVER

Hydrologic Unit No.: 105.50

Total Areal Extent: 52 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: WATER DIVERSIONS AND NON-POINT SOURCE DISCHARGES HAVE IMPACTED FISHERY RESOURCES.

Location: DWINNELL RESERVOIR TO MOUTH

Problem/Need(s) and Source Description: THE SHASTA RIVER, A KLAMATH RIVER TRIBUTARY, WAS HISTORICALLY ONE OF THE LARGEST CHINOOK SALMON PRODUCERS IN THE KLAMATH RIVER SYSTEM. AGRICULTURAL FLOW DIVERSIONS AND NPS DISCHARGES HAVE ELEVATED NUTRIENT AND TEMPERATURE LEVELS, AND DEPRESSED D.O. LEVELS. THE CHINOOK SALMON POPULATION HAS DECLINED. FISH KILLS FROM LOW D.O. HAVE OCCURED. THE REGIONAL BOARD IS COORDINATING ASSESSMENT, MONITORING, AND

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MULTIPLE AREAS B	: MULTIPLE AREAS C
Type of Pollutants/Parameters:	DOX, TEM, HAB	: COL, SUS, DOX	: SED, DEB, NUT
		:	: SUS, PES
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
		:	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Aquatic	: Municipal	: Recreational
		:	:
Type of Source(s):	PAST, IRR1	: MUNI	: INDU
Areal Extent:	52e MI	: 4e MI	: 2e MI
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN	: NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
	:	:	:
Method of Assessment:	:	:	:
	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: SCOTT RIVER

Hydrologic Unit No.: 105.40

Total Areal Extent: 68 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE SCOTT RIVER, TRIBUTARY TO THE KLAMATH RIVER, SUPPORTS EXCELLENT CHINOOK SALMON AND STEELHEAD RUNS. THE FISHERY IS IMPACTED BY HISTORIC LOGGING NPS SEDIMENTATION, AND FROM FLOW DEPLETION FROM AGRICULTURAL DIVERSIONS IN THE SCOTT VALLEY. HIGHLY ERODIBLE DECOMPOSED GRANITE SOILS IN SOME OF THE TRIBUTARIES ADD TO THESE PROBLEMS. GRAVEL EXTRACTION ALSO THREATENS THE FISHERY. TRIBUTARIES ARE USED FOR DOMESTIC WATER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MOFFETT CREEK	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational	: Aquatic
Type of Source(s):	MUNI	: INDU	: SILV, ONPS
Areal Extent:	2e MI	: 1e MI	: 68e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: BIG RIVER

Hydrologic Unit No.: 113.30

Total Areal Extent: 40 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: BIG RIVER, MENDOCINO COUNTY, IS AN IMPORTANT NORTH COAST FISHERY SUPPORTING COHO SALMON AND STEELHEAD RUNS. FISH POPULATIONS HAVE DECLINED. THE IMPACTS HAVE COME FROM HISTORIC LOGGING NPS DISCHARGES RESULTING IN SEDIMENTATION AND HIGHER WATER TEMPERATURES. CUMULATIVE IMPACTS ARE AN INCREASING CONCERN, RESULTING IN RECENT PUBLIC COURT ACTIONS. IN 1988-89, OVER 14,400 ACRES WERE APPROVED IN TIMBER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS	:	:
Type of Pollutants/Parameters:	SED, DEB, HAB	:	:
Method of Assessment:	Best Professional Judgement	:	:
Water Quality Impaired or Threatened?:	Threatened - 3	:	:
Major Beneficial Use Category Affected:	Aquatic	:	:
Type of Source(s):	SILV, ONPS	:	:
Areal Extent:	40e MI	:	:
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN	:	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: ALBION RIVER

Hydrologic Unit No.: 113.40

Total Areal Extent: 14 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 4

Uniqueness: 4

Magnitude of Use: 4

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE ALBION RIVER IS A COASTAL MENDOCINO COUNTY STEELHEAD STREAM. HISTORIC LOGGING NPS DISCHARGES ARE THE PRIMARY IMPACT TO THE FISHERY. IN 1988-89, OVER 3,800 ACRES IN THE WATERSHED WERE APPROVED IN TIMBER HARVESTING PLANS FOR LOGGING. SEDIMENTATION HAS RESULTED IN A DECLINE OF FISH POPULATIONS. RURAL RESIDENCES HAVE DISCHARGES FROM POOR SEPTIC TANK PRACTICES. THE ALBION HARBOR HAS EPISODIC OIL SPILLS FROM

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV		
Areal Extent:	14e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: VAN DUZEN RIVER

Hydrologic Unit No.: 111.20

Total Areal Extent: 63 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 2

Uniqueness: 1

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE VAN DUZEN RIVER, A MAJOR TRIBUTARY TO THE EEL RIVER, SUPPORTS A SIGNIFICANT SALMON AND STEELHEAD FISHERY. HISTORIC LOGGING AND GRAZING NPS DISCHARGES HAVE RESULTED IN SEDIMENTATION. FISH POPULATIONS HAVE DECLINED. SEPTIC TANK FAILURES ARE A PROBLEM NEEDING FURTHER ATTENTION.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	MULTIPLE AREAS B	
Type of Pollutants/Parameters:	SED, DEB, NUT SUS, PES	SED, DEB, HAB	
Method of Assessment:	Best Professional Judgement	Best Professional Judgement	
Water Quality Impaired or Threatened?:	Threatened - 3	Threatened - 3	
Major Beneficial Use Category Affected:	Recreational	Aquatic	
Type of Source(s):	INDU	SILV, RANG, ONPS	
Areal Extent:	2e MI	63e MI	
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, UGT	NPS, MONITOR, UNREG, WQC-PLAN	

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: EEL RIVER

Hydrologic Unit No.: 111.00

Total Areal Extent: 200 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 1

Uniqueness: 1

Magnitude of Use: 2

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE EEL RIVER SUPPORTS A COMMERCIAL AND RECREATIONALLY VERY IMPORTANT ANADROMOUS SALMON FISHERY RESOURCE BASE. A NATURALLY HIGH SEDIMENT YIELD HAS BEEN EXTENSIVELY ELEVATED BY HISTORIC LOGGING AND GRAZING NPS DISCHARGES THROUGHOUT THE WATERSHED. THE RESULT HAS BEEN A DECLINE IN THE FISHERY POPULATIONS. A NUMBER OF COMMUNITY MUNICIPAL AND INDUSTRIAL DISCHARGES ARE REGULATED THROUGH NPDES PERMITS, WITH SUMMER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MULTIPLE AREAS B	: MULTIPLE AREAS C
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement :	: Best Professional Judgement :
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Aquatic	: Recreational :	: Aquatic :
Type of Source(s):	MUNI	: INDU	: SILV, RANG, ONPS
Areal Extent:	4e MI	: 8e MI	: 200e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: EEL RIVER, SOUTH FORK

Hydrologic Unit No.: 111.30

Total Areal Extent: 85 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value:

Uniqueness:

Magnitude of Use:

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES

Location: SOURCE TO CONFLUENCE WITH MAIN FORK

Problem/Need(s) and Source Description: THE SOUTH FORK, EEL RIVER IS A DOMESTIC ANADROMOUS SALMONID RESOURCE BASE. IT IS A WILD AND SCENIC LISTED RIVER. HISTORIC LOGGING AND GRAZING ACTIVITIES HAVE RESULTED IN WIDESPREAD NPS SEDIMENT DISCHARGES. THE RESULT HAS BEEN A DECLINE IN THE FISHERY POPULATIONS. A NUMBER OF COMMUNITY MUNICIPAL AND INDUSTRIAL DISCHARGES ARE

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: BRANSCOMB	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement :	: Best Professional Judgement :
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational :	: Aquatic :
Type of Source(s):	MUNI	: INDU	: SILV, RANG, ONPS
Areal Extent:	2e MI	: 1e MI	: 85e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e. = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: MAD RIVER

Hydrologic Unit No.: 109.00

Total Areal Extent: 90 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 2

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE MAD RIVER IS A MAJOR MUNICIPAL AND INDUSTRIAL WATER SUPPLY SOURCE FOR THE HUMBOLDT BAY REGION. RANEY COLLECTOR WELLS IN THE RIVER ARE OPERATED BY THE HUMBOLDT BAY MUNICIPAL WATER DISTRICT. THE DISTRICT IS CONCERNED ABOUT HIGH TURBIDITY LEVELS IN THE RIVER. NATURAL, RESERVOIR, AND HISTORIC LOGGING NPS PROBLEMS CONTRIBUTE TO THIS TURBIDITY. ONGOING WOOD TREATMENT CHEMICAL AND STORMWATER DISCHARGE REGULATION

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MULTIPLE AREAS B	: MULTIPLE AREAS C
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS, PES	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement :	: Best Professional Judgement :
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational :	: Aquatic :
Type of Source(s):	MUNI	: INDU	: SILV, ONPS
Areal Extent:	2e MI	: 3e MI	: 90e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e. = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: MAD RIVER ESTUARY

Hydrologic Unit No.: 109.10

Total Areal Extent: 100 AC

Type of Resource: Estuaries

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: Sedimentation

Location: LOGGING RAILROAD BRIDGE (HUMBOLDT MERIDIAN) TO MOUTH.

Threat of fish population decline

Threat of sedimentation

Problem/Need(s) and Source Description: RECEIVES MUNICIPAL DISCHARGE AND URBAN RUNOFF FROM COMMUNITIES OF MCKINLEYVILLE AND BLUE LAKE. RECEIVES RUNOFF FROM SEVERAL INDUSTRIAL COMPLEXES. EXTENSIVE LOGGING IN WATERSHED. MAD RIVER ESTUARY IS LISTED IN CWC SECTION 13391.5 AS A TARGET FOR SPECIAL ACTIONS IN BAY PROTECTION AND TOXIC CLEANUP.

	Concern 1	Concern 2	Concern 3
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e. = areal extent of problem is estimated

Date Last Updated: / /

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: MATTOLE RIVER

Hydrologic Unit No.: 112.30

Total Areal Extent: 56 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(s) OR CONCERN(s)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE MATTOLE RIVER IS A HIGHLY PRODUCTIVE ANADROMOUS SALMONID FISHERY, AND ALSO GENERALLY A HIGHLY UNSTABLE, ERODIBLE WATERSHED. NATURAL AND HUMAN CAUSED NPS DISCHARGES FROM HEAVY USE HAVE RESULTED IN SEDIMENTATION. FISH POPULATIONS HAVE DECLINED. NPS DISCHARGES CONTINUE TO BE THE PRIMARY THREAT TO WATER QUALITY BENEFICIAL USES.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV, RANG, ONPS		
Areal Extent:	56e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e, = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: NAVARRO RIVER

Hydrologic Unit No.: 113.50

Total Areal Extent: 25 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE NAVARRO RIVER IS A SIGNIFICANT COHO SALMON AND STEELHEAD FISHERY IN MENDOCINO COUNTY. FISH POPULATIONS HAVE DECLINED. THE PRIMARY IMPACT TO THE FISHERY IS FROM HISTORIC LOGGING AND ROAD BUILDING NPS DISCHARGES RESULTING IN SEDIMENTATION PROBLEMS, AND HIGHER WATER TEMPERATURES. IN 1988-89, OVER 15,000 ACRES WERE APPROVED IN TIMBER HARVESTING PLANS FOR LOGGING.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV, ONPS		
Areal Extent:	25e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e, = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: NOYO RIVER

Hydrologic Unit No.: 113.20

Total Areal Extent: 35 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE NOYO RIVER IS A COASTAL MENDOCINO COUNTY STEELHEAD AND SALMON STREAM. HISTORIC LOGGING NPS DISCHARGES ARE THE PRIMARY IMPACT TO THE FISHERY. HISTORIC SEDIMENTATION, DEBRIS DEPOSITION, AND HABITAT ALTERATIONS RESULTED IN DECLINE OF FISH POPULATIONS. HEAVY INDUSTRIAL LOGGING CONTINUES TODAY IN THIS WATERSHED. EFFORTS ARE UNDERWAY TO RESTORE THE FISHERY.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV		
Areal Extent:	35e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/06/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: GARCIA RIVER

Hydrologic Unit No.: 113.70

Total Areal Extent: 39 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE GARCIA RIVER IS A PRODUCTIVE MENDOCINO COUNTY COASTAL STEELHEAD STREAM. FISH POPULATIONS HAVE DECLINED. HISTORIC LOGGING CAUSED NPS SEDIMENTATION IS THE PRIMARY IMPACT TO THE FISHERY. CUMULATIVE NPS IMPACTS IS BECOMING AN INCREASING CONCERN ON THIS WATERSHED, WITH INCREASINGLY HEAVY LOGGING USED ENVISIONED DURING THE NEXT 5 YEARS. OVER 70 PERCENT OF THE NORTH FORK IS UNDER APPROVED TIMBER HARVESTING PLAN FOR

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV, ONPS		
Areal Extent:	39e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

*Inadvertently
omitted from
Admin. Rcd.*

WATER BODY FACT SHEET

30532 ★

Region: 1

Water Body Name: KLAMATH RIVER

Hydrologic Unit No.: 105.00

Total Areal Extent: 126 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 1

Uniqueness: 1

Magnitude of Use: 2

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION AND ELEVATED WATER TEMPERATURES HAVE IMPACTED FISHERY RESOURCES.

Location: IRON GATE DAM TO MOUTH

Problem/Need(s) and Source Description: THE KLAMATH RIVER SUPPORTS THE SECOND LARGEST CHINOOK SALMON FISHERY IN CALIFORNIA. FLOWS IN THE KLAMATH INTO CALIFORNIA FROM OREGON CONTAIN HIGH NUTRIENT LOADS AND HAVE ELEVATED TEMPERATURES. BLUE-GREEN ALGAE BLOOMS IN THE RIVER ARE A RESULT. HISTORIC LOGGING AND ROAD CONSTRUCTION NPS DISCHARGES CONTRIBUTE TO SEDIMENTATION PROBLEMS FOR THE FISHERY, ESPECIALLY IN MANY OF THE TRIBUTARIES. ACID MINE DRAINAGE

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: HAPPY CAMP	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, SUS : MET, PES	: SED, DEB, HAB
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Aquatic	: Recreational	: Aquatic
Type of Source(s):	MUNI	: INDU, SFMI	: SILV, ONPS
Areal Extent:	3e MI	: 1e MI	: 126e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, C/V-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: TRINITY RIVER

Hydrologic Unit No.: 106.00

Total Areal Extent: 170 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 2

Uniqueness: 1

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: FLOW DIVERSIONS AND SEDIMENTATION HAVE IMPACTED BENEFICIAL USES.

Location: LEWISTON DAM TO MOUTH

Problem/Need(s) and Source Description: THE TRINITY RIVER IS A VERY HIGHLY PRIZED RECREATIONAL WATER, AND SUPPORTS A POPULAR SALMON AND STEELHEAD FISHERY. SIGNIFICANT FISH POPULATION DECLINES HAVE RESULTED FROM TRANSFER OF WATER TO THE CENTRAL VALLEY WATERSHED FOR IRRIGATION. THIS FLOW DEPLETION HAS RESULTED IN HIGHER WATER TEMPERATURES AND SEDIMENTATION PROBLEMS IN THE TRINITY RIVER, WHICH IS NO LONGER ABLE TO FLUSH OUT SEDIMENTS WITH HIGHER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: WEAVERVILLE	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational	: Aquatic
Type of Source(s):	MUNI	: INDU	: SILV, ONPS
Areal Extent:	2e MI	: 1e MI	: 170e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: TRINITY RIVER, SOUTH FORK

Hydrologic Unit No.: 106.20

Total Areal Extent: 80 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value:

Uniqueness:

Magnitude of Use:

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE TRINITY RIVER, SOUTH FORK IS A HIGHLY SENSITIVE WATERSHED EXHIBITING HISTORIC MASS WASTING AND EROSION PROBLEMS. VALUABLE FISHERIES ARE SUPPORTED IN THE SOUTH FORK, BUT POPULATIONS HAVE DECLINED. HISTORIC LOGGING HAS RESULTED IN SEDIMENTATION AND HIGHER WATER TEMPERATURES. SUMMER STEELHEAD, A SENSITIVE SPECIES, HAS BEEN ESPECIALLY IMPACTED BY NPS DISCHARGES. RECENT WILDFIRES AND POTENTIAL RECOVERY EFFORTS

	Concern 1	Concern 2	Concern 3
Specific Location:	HAYFORK CREEK	: MULTIPLE AREAS	:
Type of Pollutants/Parameters:	SED, DEB, NUT SUS, PES	: SED, DEB, HAB	:
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	:
Major Beneficial Use Category Affected:	Municipal	: Aquatic	:
Type of Source(s):	INDU	: SILV, ONPS	:
Areal Extent:	1e MI	: 80e MI	:
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: GUALALA RIVER

Hydrologic Unit No.: 113.80

Total Areal Extent: 35 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE GUALALA RIVER IS A PRIZED STEELHEAD STREAM IN SONOMA COUNTY. THE IMPACT TO THE FISHERY IS FROM LOGGING NPS DISCHARGES RESULTING IN SEDIMENTATION PROBLEMS. THE FISHERY POPULATION HAS DECLINED. IN 1988-89, OVER 20,700 ACRES WERE APPROVED FOR LOGGING UNDER TIMBER HARVESTING PLANS. THE RIVER IS THE DOMESTIC WATER SUPPLY FOR THE COMMUNITY OF SEA RANCH AND GUALALA. POTENTIAL WATER DIVERSION FOR ADDITIONAL

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS	: ANNAPOLIS	:
Type of Pollutants/Parameters:	SED, DEB, HAB	: SED, DEB, NUT	:
		: SUS	:
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	:
		:	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	:
Major Beneficial Use Category Affected:	Aquatic	: Recreational	:
		:	:
Type of Source(s):	SILV	: INDU	:
Areal Extent:	35e MI	: 1e MI	:
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN	: NPDES, WDRNON15, WQC-PLAN, UGT	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
	:	:	:
Method of Assessment:	:	:	:
	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/06/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: REDWOOD CREEK (R1)

Hydrologic Unit No.: 107.00

Total Areal Extent: 63 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: REDWOOD CREEK, PARTIALLY PROTECTED BY REDWOOD NATIONAL PARK, IS THE DOMESTIC WATER SUPPLY FOR THE COMMUNITY OF ORICK, AND SUPPORTS AN ANADROMOUS SALMONID FISHERY. HISTORIC LOGGING UPSTREAM OF THE PARK HAS RESULTED IN NPS SEDIMENTATION. FISH POPULATIONS HAVE DECLINED.

	Concern 1	Concern 2	Concern 3
Specific Location:	ORICK	: MULTIPLE AREAS	:
Type of Pollutants/Parameters:	SED, DEB, NUT SUS	: SED, DEB, HAB	:
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	:
Major Beneficial Use Category Affected:	Recreational	: Aquatic	:
Type of Source(s):	INDU	: SILV, RANG, ONPS	:
Areal Extent:	1e MI	: 63e MI	:
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN	:

	Concern 4	Concern 5	Concern 6
Specific Location:			:
Type of Pollutants/Parameters:			:
Method of Assessment:			:
Water Quality Impaired or Threatened?:			:
Major Beneficial Use Category Affected:			:
Type of Source(s):			:
Areal Extent:			:
Programs Affected:			:

Adds nothing to Rwd Creek write-up

e = areal extent of problem is estimated

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: SHASTA RIVER

Hydrologic Unit No.: 105.50

Total Areal Extent: 52 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: WATER DIVERSIONS AND NON-POINT SOURCE DISCHARGES HAVE IMPACTED FISHERY RESOURCES.

Location: DWINNELL RESERVOIR TO MOUTH

Problem/Need(s) and Source Description: THE SHASTA RIVER, A KLAMATH RIVER TRIBUTARY, WAS HISTORICALLY ONE OF THE LARGEST CHINOOK SALMON PRODUCERS IN THE KLAMATH RIVER SYSTEM. AGRICULTURAL FLOW DIVERSIONS AND NPS DISCHARGES HAVE ELEVATED NUTRIENT AND TEMPERATURE LEVELS, AND DEPRESSED D.O. LEVELS. THE CHINOOK SALMON POPULATION HAS DECLINED. FISH KILLS FROM LOW D.O. HAVE OCCURED. THE REGIONAL BOARD IS COORDINATING ASSESSMENT, MONITORING, AND

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MULTIPLE AREAS B	: MULTIPLE AREAS C
Type of Pollutants/Parameters:	DOX, TEM, HAB	: COL, SUS, DOX	: SED, DEB, NUT
		:	: SUS, PES
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
		:	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Aquatic	: Municipal	: Recreational
		:	:
Type of Source(s):	PAST, IRR1	: MUNI	: INDU
Areal Extent:	52e MI	: 4e MI	: 2e MI
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN	: NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
	:	:	:
Method of Assessment:	:	:	:
	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: SCOTT RIVER

Hydrologic Unit No.: 105.40

Total Areal Extent: 68 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE SCOTT RIVER, TRIBUTARY TO THE KLAMATH RIVER, SUPPORTS EXCELLENT CHINOOK SALMON AND STEELHEAD RUNS. THE FISHERY IS IMPACTED BY HISTORIC LOGGING NPS SEDIMENTATION, AND FROM FLOW DEPLETION FROM AGRICULTURAL DIVERSIONS IN THE SCOTT VALLEY. HIGHLY ERODIBLE DECOMPOSED GRANITE SOILS IN SOME OF THE TRIBUTARIES ADD TO THESE PROBLEMS. GRAVEL EXTRACTION ALSO THREATENS THE FISHERY. TRIBUTARIES ARE USED FOR DOMESTIC WATER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MOFFETT CREEK	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement :	: Best Professional Judgement :
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational :	: Aquatic :
Type of Source(s):	MUNI	: INDU	: SILV, ONPS
Areal Extent:	2e MI	: 1e MI	: 68e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e. = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: BIG RIVER

Hydrologic Unit No.: 113.30

Total Areal Extent: 40 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: BIG RIVER, MENDOCINO COUNTY, IS AN IMPORTANT NORTH COAST FISHERY SUPPORTING COHO SALMON AND STEELHEAD RUNS. FISH POPULATIONS HAVE DECLINED. THE IMPACTS HAVE COME FROM HISTORIC LOGGING NPS DISCHARGES RESULTING IN SEDIMENTATION AND HIGHER WATER TEMPERATURES. CUMULATIVE IMPACTS ARE AN INCREASING CONCERN, RESULTING IN RECENT PUBLIC COURT ACTIONS. IN 1988-89, OVER 14,400 ACRES WERE APPROVED IN TIMBER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV, ONPS		
Areal Extent:	40e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: ALBION RIVER

Hydrologic Unit No.: 113.40

Total Areal Extent: 14 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 4

Uniqueness: 4

Magnitude of Use: 4

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE ALBION RIVER IS A COASTAL MENDOCINO COUNTY STEELHEAD STREAM. HISTORIC LOGGING NPS DISCHARGES ARE THE PRIMARY IMPACT TO THE FISHERY. IN 1988-89, OVER 3,800 ACRES IN THE WATERSHED WERE APPROVED IN TIMBER HARVESTING PLANS FOR LOGGING. SEDIMENTATION HAS RESULTED IN A DECLINE OF FISH POPULATIONS. RURAL RESIDENCES HAVE DISCHARGES FROM POOR SEPTIC TANK PRACTICES. THE ALBION HARBOR HAS EPISODIC OIL SPILLS FROM

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV		
Areal Extent:	14e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: VAN DUZEN RIVER

Hydrologic Unit No.: 111.20

Total Areal Extent: 63 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 2

Uniqueness: 1

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE VAN DUZEN RIVER, A MAJOR TRIBUTARY TO THE EEL RIVER, SUPPORTS A SIGNIFICANT SALMON AND STEELHEAD FISHERY. HISTORIC LOGGING AND GRAZING NPS DISCHARGES HAVE RESULTED IN SEDIMENTATION. FISH POPULATIONS HAVE DECLINED. SEPTIC TANK FAILURES ARE A PROBLEM NEEDING FURTHER ATTENTION.

Concern 1

Concern 2

Concern 3

Specific Location:	MULTIPLE AREAS A	:	MULTIPLE AREAS B	:
Type of Pollutants/Parameters:	SED, DEB, NUT	:	SED, DEB, HAB	:
	SUS, PES	:		:
Method of Assessment:	Best Professional Judgement	:	Best Professional Judgement	:
		:		:
Water Quality Impaired or Threatened?:	Threatened - 3	:	Threatened - 3	:
Major Beneficial Use Category Affected:	Recreational	:	Aquatic	:
		:		:
Type of Source(s):	INDU	:	SILV, RANG, ONPS	:
Areal Extent:	2e MI	:	63e MI	:
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, UGT	:	NPS, MONITOR, UNREG, WQC-PLAN	:

Concern 4

Concern 5

Concern 6

Specific Location:	:	:
Type of Pollutants/Parameters:	:	:
	:	:
Method of Assessment:	:	:
	:	:
Water Quality Impaired or Threatened?:	:	:
Major Beneficial Use Category Affected:	:	:
	:	:
Type of Source(s):	:	:
Areal Extent:	:	:
Programs Affected:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: EEL RIVER

Hydrologic Unit No.: 111.00

Total Areal Extent: 200 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 1

Uniqueness: 1

Magnitude of Use: 2

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN
: SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE EEL RIVER SUPPORTS A COMMERCIAL AND RECREATIONALLY VERY IMPORTANT ANADROMOUS SALMON FISHERY RESOURCE BASE. A NATURALLY HIGH SEDIMENT YIELD HAS BEEN EXTENSIVELY ELEVATED BY HISTORIC LOGGING AND GRAZING NPS DISCHARGES THROUGHOUT THE WATERSHED. THE RESULT HAS BEEN A DECLINE IN THE FISHERY POPULATIONS. A NUMBER OF COMMUNITY MUNICIPAL AND INDUSTRIAL DISCHARGES ARE REGULATED THROUGH NPDES PERMITS, WITH SUMMER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: MULTIPLE AREAS B	: MULTIPLE AREAS C
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement :	: Best Professional Judgement :
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Aquatic	: Recreational :	: Aquatic :
Type of Source(s):	MUNI	: INDU	: SILV, RANG, ONPS
Areal Extent:	4e MI	: 8e MI	: 200e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: EEL RIVER, SOUTH FORK

Hydrologic Unit No.: 111.30

Total Areal Extent: 85 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value:

Uniqueness:

Magnitude of Use:

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES

Location: SOURCE TO CONFLUENCE WITH MAIN FORK

Problem/Need(s) and Source Description: THE SOUTH FORK, EEL RIVER IS A DOMESTIC ANADROMOUS SALMONID RESOURCE BASE. IT IS A WILD AND SCENIC LISTED RIVER. HISTORIC LOGGING AND GRAZING ACTIVITIES HAVE RESULTED IN WIDESPREAD NPS SEDIMENT DISCHARGES. THE RESULT HAS BEEN A DECLINE IN THE FISHERY POPULATIONS. WATER SUPPLY AND SUPPORTS A COMMERCIALY AND RECREATIONALLY IMPORTANT. A NUMBER OF COMMUNITY MUNICIPAL AND INDUSTRIAL DISCHARGES ARE

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: BRANSCOMB	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement :	: Best Professional Judgement :
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational :	: Aquatic :
Type of Source(s):	MUNI	: INDU	: SILV, RANG, ONPS
Areal Extent:	2e MI	: 1e MI	: 85e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e.= areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: MAD RIVER ESTUARY

Hydrologic Unit No.: 109.10

Total Areal Extent: 100 AC

Type of Resource: Estuaries

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: Sedimentation

Location: LOGGING RAILROAD BRIDGE (HUMBOLDT MERIDIAN) TO MOUTH.

Threat of fish population decline

Threat of sedimentation

Problem/Need(s) and Source Description: RECEIVES MUNICIPAL DISCHARGE AND URBAN RUNOFF FROM COMMUNITIES OF MCKINLEYVILLE AND BLUE LAKE. RECEIVES RUNOFF FROM SEVERAL INDUSTRIAL COMPLEXES. EXTENSIVE LOGGING IN WATERSHED. MAD RIVER ESTUARY IS LISTED IN CWC SECTION 13391.5 AS A TARGET FOR SPECIAL ACTIONS IN BAY PROTECTION AND TOXIC CLEANUP.

Concern 1

Concern 2

Concern 3

Specific Location: :

Type of Pollutants/Parameters: :

Method of Assessment: :

Water Quality Impaired or Threatened?: :

Major Beneficial Use Category Affected: :

Type of Source(s): :

Areal Extent: :

Programs Affected: :

Concern 4

Concern 5

Concern 6

Specific Location: :

Type of Pollutants/Parameters: :

Method of Assessment: :

Water Quality Impaired or Threatened?: :

Major Beneficial Use Category Affected: :

Type of Source(s): :

Areal Extent: :

Programs Affected: :

e, = areal extent of problem is estimated

Date Last Updated: / /

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: MATTOLE RIVER

Hydrologic Unit No.: 112.30

Total Areal Extent: 56 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 2

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE MATTOLE RIVER IS A HIGHLY PRODUCTIVE ANADROMOUS SALMONID FISHERY, AND ALSO GENERALLY A HIGHLY UNSTABLE, ERODIBLE WATERSHED. NATURAL AND HUMAN CAUSED NPS DISCHARGES FROM HEAVY USE HAVE RESULTED IN SEDIMENTATION. FISH POPULATIONS HAVE DECLINED. NPS DISCHARGES CONTINUE TO BE THE PRIMARY THREAT TO WATER QUALITY BENEFICIAL USES.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV, RANG, ONPS		
Areal Extent:	56e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e, = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: NAVARRO RIVER

Hydrologic Unit No.: 113.50

Total Areal Extent: 25 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE NAVARRO RIVER IS A SIGNIFICANT COHO SALMON AND STEELHEAD FISHERY IN MENDOCINO COUNTY. FISH POPULATIONS HAVE DECLINED. THE PRIMARY IMPACT TO THE FISHERY IS FROM HISTORIC LOGGING AND ROAD BUILDING NPS DISCHARGES RESULTING IN SEDIMENTATION PROBLEMS, AND HIGHER WATER TEMPERATURES. IN 1988-89, OVER 15,000 ACRES WERE APPROVED IN TIMBER HARVESTING PLANS FOR LOGGING.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS	:	:
Type of Pollutants/Parameters:	SED, DEB, HAB	:	:
Method of Assessment:	Best Professional Judgement	:	:
Water Quality Impaired or Threatened?:	Threatened - 3	:	:
Major Beneficial Use Category Affected:	Aquatic	:	:
Type of Source(s):	SILV, ONPS	:	:
Areal Extent:	25e MI	:	:
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN	:	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e, = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: NOYO RIVER

Hydrologic Unit No.: 113.20

Total Areal Extent: 35 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(s) OR CONCERN(s)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE NOYO RIVER IS A COASTAL MENDOCINO COUNTY STEELHEAD AND SALMON STREAM. HISTORIC LOGGING NPS DISCHARGES ARE THE PRIMARY IMPACT TO THE FISHERY. HISTORIC SEDIMENTATION, DEBRIS DEPOSITION, AND HABITAT ALTERATIONS RESULTED IN DECLINE OF FISH POPULATIONS. HEAVY INDUSTRIAL LOGGING CONTINUES TODAY IN THIS WATERSHED. EFFORTS ARE UNDERWAY TO RESTORE THE FISHERY.

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV		
Areal Extent:	35e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/06/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: GARCIA RIVER

Hydrologic Unit No.: 113.70

Total Areal Extent: 39 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE GARCIA RIVER IS A PRODUCTIVE MENDOCINO COUNTY COASTAL STEELHEAD STREAM. FISH POPULATIONS HAVE DECLINED. HISTORIC LOGGING CAUSED NPS SEDIMENTATION IS THE PRIMARY IMPACT TO THE FISHERY. CUMULATIVE NPS IMPACTS IS BECOMING AN INCREASING CONCERN ON THIS WATERSHED, WITH INCREASINGLY HEAVY LOGGING USED ENVISIONED DURING THE NEXT 5 YEARS. OVER 70 PERCENT OF THE NORTH FORK IS UNDER APPROVED TIMBER HARVESTING PLAN FOR

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS		
Type of Pollutants/Parameters:	SED, DEB, HAB		
Method of Assessment:	Best Professional Judgement		
Water Quality Impaired or Threatened?:	Threatened - 3		
Major Beneficial Use Category Affected:	Aquatic		
Type of Source(s):	SILV, ONPS		
Areal Extent:	39e MI		
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN		

	Concern 4	Concern 5	Concern 6
Specific Location:			
Type of Pollutants/Parameters:			
Method of Assessment:			
Water Quality Impaired or Threatened?:			
Major Beneficial Use Category Affected:			
Type of Source(s):			
Areal Extent:			
Programs Affected:			

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

*Inadvertently
omitted from
Admin Rcd.*

WATER BODY FACT SHEET

30532 *A*

Region: 1

Water Body Name: KLAMATH RIVER

Hydrologic Unit No.: 105.00

Total Areal Extent: 126 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 1

Uniqueness: 1

Magnitude of Use: 2

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION AND ELEVATED WATER TEMPERATURES HAVE IMPACTED FISHERY RESOURCES.

Location: IRON GATE DAM TO MOUTH

Problem/Need(s) and Source Description: THE KLAMATH RIVER SUPPORTS THE SECOND LARGEST CHINOOK SALMON FISHERY IN CALIFORNIA. FLOWS IN THE KLAMATH INTO CALIFORNIA FROM OREGON CONTAIN HIGH NUTRIENT LOADS AND HAVE ELEVATED TEMPERATURES. BLUE-GREEN ALGAE BLOOMS IN THE RIVER ARE A RESULT. HISTORIC LOGGING AND ROAD CONSTRUCTION NPS DISCHARGES CONTRIBUTE TO SEDIMENTATION PROBLEMS FOR THE FISHERY, ESPECIALLY IN MANY OF THE TRIBUTARIES. ACID MINE DRAINAGE

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: HAPPY CAMP	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, SUS : MET, PES	: SED, DEB, HAB
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Aquatic	: Recreational	: Aquatic
Type of Source(s):	MUNI	: INDU, SFMI	: SILV, ONPS
Areal Extent:	3e MI	: 1e MI	: 126e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CVA-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: TRINITY RIVER

Hydrologic Unit No.: 106.00

Total Areal Extent: 170 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 2

Uniqueness: 1

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: FLOW DIVERSIONS AND SEDIMENTATION HAVE IMPACTED BENEFICIAL USES.

Location: LEWISTON DAM TO MOUTH

Problem/Need(s) and Source Description: THE TRINITY RIVER IS A VERY HIGHLY PRIZED RECREATIONAL WATER, AND SUPPORTS A POPULAR SALMON AND STEELHEAD FISHERY. SIGNIFICANT FISH POPULATION DECLINES HAVE RESULTED FROM TRANSFER OF WATER TO THE CENTRAL VALLEY WATERSHED FOR IRRIGATION. THIS FLOW DEPLETION HAS RESULTED IN HIGHER WATER TEMPERATURES AND SEDIMENTATION PROBLEMS IN THE TRINITY RIVER, WHICH IS NO LONGER ABLE TO FLUSH OUT SEDIMENTS WITH HIGHER

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS A	: WEAVERVILLE	: MULTIPLE AREAS B
Type of Pollutants/Parameters:	COL, SUS, DOX	: SED, DEB, NUT : SUS	: SED, DEB, HAB :
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	: Best Professional Judgement
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	: Threatened - 3
Major Beneficial Use Category Affected:	Municipal	: Recreational	: Aquatic
Type of Source(s):	MUNI	: INDU	: SILV, ONPS
Areal Extent:	2e MI	: 1e MI	: 170e MI
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, CW-LOANS	: NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: TRINITY RIVER, SOUTH FORK

Hydrologic Unit No.: 106.20

Total Areal Extent: 80 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value:

Uniqueness:

Magnitude of Use:

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE TRINITY RIVER, SOUTH FORK IS A HIGHLY SENSITIVE WATERSHED EXHIBITING HISTORIC MASS WASTING AND EROSION PROBLEMS. VALUABLE FISHERIES ARE SUPPORTED IN THE SOUTH FORK, BUT POPULATIONS HAVE DECLINED. HISTORIC LOGGING HAS RESULTED IN SEDIMENTATION AND HIGHER WATER TEMPERATURES. SUMMER STEELHEAD, A SENSITIVE SPECIES, HAS BEEN ESPECIALLY IMPACTED BY NPS DISCHARGES. RECENT WILDFIRES AND POTENTIAL RECOVERY EFFORTS

	Concern 1	Concern 2	Concern 3
Specific Location:	HAYFORK CREEK	: MULTIPLE AREAS	:
Type of Pollutants/Parameters:	SED, DEB, NUT SUS, PES	: SED, DEB, HAB	:
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	:
Major Beneficial Use Category Affected:	Municipal	: Aquatic	:
Type of Source(s):	INDU	: SILV, ONPS	:
Areal Extent:	1e MI	: 80e MI	:
Programs Affected:	NPDES, WDRNON15, WQC-PLAN, UGT	: NPS, MONITOR, UNREG, WQC-PLAN	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
Method of Assessment:	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated

Date Last Updated: 12/05/90

Date: 03/29/96

WATER BODY FACT SHEET

Region: 1

Water Body Name: GUALALA RIVER

Hydrologic Unit No.: 113.80

Total Areal Extent: 35 MI

Type of Resource: Rivers and Streams

Clean Water Strategy Rating

Resource Value: 3

Uniqueness: 4

Magnitude of Use: 3

SUMMARY OF PROBLEM(S) OR CONCERN(S)

Type of Problem/Need: SEDIMENTATION FROM NATURAL AND HUMAN SOURCES HAS IMPACTED BENEFICIAL USES.

Location: SOURCE TO MOUTH

Problem/Need(s) and Source Description: THE GUALALA RIVER IS A PRIZED STEELHEAD STREAM IN SONOMA COUNTY. THE IMPACT TO THE FISHERY IS FROM LOGGING NPS DISCHARGES RESULTING IN SEDIMENTATION PROBLEMS. THE FISHERY POPULATION HAS DECLINED. IN 1988-89, OVER 20,700 ACRES WERE APPROVED FOR LOGGING UNDER TIMBER HARVESTING PLANS. THE RIVER IS THE DOMESTIC WATER SUPPLY FOR THE COMMUNITY OF SEA RANCH AND GUALALA. POTENTIAL WATER DIVERSION FOR ADDITIONAL

	Concern 1	Concern 2	Concern 3
Specific Location:	MULTIPLE AREAS	: ANNAPOLIS	:
Type of Pollutants/Parameters:	SED, DEB, HAB	: SED, DEB, NUT	:
		: SUS	:
Method of Assessment:	Best Professional Judgement	: Best Professional Judgement	:
		:	:
Water Quality Impaired or Threatened?:	Threatened - 3	: Threatened - 3	:
Major Beneficial Use Category Affected:	Aquatic	: Recreational	:
		:	:
Type of Source(s):	SILV	: INDU	:
Areal Extent:	35e MI	: 1e MI	:
Programs Affected:	NPS, MONITOR, UNREG, WQC-PLAN	: NPDES, WDRNON15, WQC-PLAN, UGT	:

	Concern 4	Concern 5	Concern 6
Specific Location:	:	:	:
Type of Pollutants/Parameters:	:	:	:
	:	:	:
Method of Assessment:	:	:	:
	:	:	:
Water Quality Impaired or Threatened?:	:	:	:
Major Beneficial Use Category Affected:	:	:	:
	:	:	:
Type of Source(s):	:	:	:
Areal Extent:	:	:	:
Programs Affected:	:	:	:

e = areal extent of problem is estimated